NON 1-3 5000 E)		P.: Al or <u>Fax</u> (5'	ommissioner for O. Box 1450 exandria, Virgi 71)-273-2885	r Patents nia 22313-1450	should be completed whe
appropriate All Themer coindicated unless corrected maintenance fee notificatio	orrespondence including below or directed others.	g the Patent, advance of the erwise in Block 1, by (i			red). Blocks 1 through 5 vill be mailed to the curren and/or (b) indicating a sep	
CURRENT CORRESPONDEN	CE ADDRESS (Note: Use Blo	ock I for any change of address)	. Fee	e(s) Transmittal. Thi	mailing can only be used f s certificate cannot be used l paper, such as an assignm of mailing or transmission.	for any other accompanying
7	590 09/12/	/2006	ща			
DINSMORE & S Suite 500 One Dayton Centr	re ·		I h Sta adc tra:	Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the States Postal Service with sufficient postage for first class mail in an enaddressed to the Mail Stop ISSUE FEE address above, or being factransmitted to the USPTO (571) 273-2885, on the date indicated below.		ig deposited with the Unit
Dayton, OH 45402 1/14/2006 HVUONG2 00	2-2023 ^^^^2		J:	ames EBey	er=Reg. No. 39,	564 (Depositor's name
	00003E 10\095P3			4		(Signatur
FC:1504 FC:2501	300.00 700.00		Ŋ	ovember 6,	2006	(Dat
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	R	ATTORNEY DOCKET NO.	CONFIRMATION NO.
						(0//
10/706,263 TITLE OF INVENTION: A	11/12/2003 AMPLIFYING WAVE	LENGTH DIVISION M	John S. Laudo UX/DEMUX		BAT 0064 PA/40078.252	6864
TITLE OF INVENTION: A	AMPLIFYING WAVE	ISSUE FEE DUE	UX/DEMUX PUBLICATION FEE DUE		E FEE TOTAL FEE(S) DU	E DATE DUE
TITLE OF INVENTION: A APPLN. TYPE nonprovisional	AMPLIFYING WAVE SMALL ENTITY YES	ISSUE FEE DUE \$700	PUBLICATION FEE DUE	PREV. PAID ISSUI		
APPLN. TYPE nonprovisional EXAMIN	AMPLIFYING WAVE SMALL ENTITY YES	ISSUE FEE DUE \$700 ART UNIT	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS		E FEE TOTAL FEE(S) DU	E DATE DUE
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of corresponden	SMALL ENTITY YES JER INIFER	ISSUE FEE DUE \$700 ART UNIT 2874	PUBLICATION FEE DUE	\$0	E FEE TOTAL FEE(S) DU	E DATE DUE 12/12/2006
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of correspondencer 1.363). Change of correspondencer CFR 1.363.	SMALL ENTITY YES VIER VINIFER Ce address or indication Vidence address (or Cha	ISSUE FEE DUE \$700 ART UNIT 2874 n of "Fee Address" (37	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS 385-024000 2. For printing on the (1) the names of up to agents OR, alternated.	\$0 patent front page, lise o 3 registered patentively,	TOTAL FEE(S) DU. \$1000 St. t attorneys 1 DINSMO	E DATE DUE
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of correspondencer 1.363).	SMALL ENTITY YES VER UNIFER ce address or indication dence address (or Cha 122) attached. attorn (or "Fee Address"	ISSUE FEE DUE \$700 ART UNIT 2874 n of "Fee Address" (37) nge of Correspondence	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS 385-024000 2. For printing on the (1) the names of up to	patent front page, list of 3 registered patent ively, gle firm (having as a agent) and the name orneys or agents. If	TOTAL FEE(S) DU. \$1000 st t attorneys t attorneys member a 2	E DATE DUE 12/12/2006
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of corresponden. CFR 1.363). Change of corresponden. Grange of corresponden. "Fee Address" indicates of the pro/SB/47; Rev 03-02	SMALL ENTITY YES VIET	1SSUE FEE DUE \$700 ART UNIT 2874 n of "Fee Address" (37 nge of Correspondence ' Indication form ed. Use of a Customer	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS 385-024000 2. For printing on the (1) the names of up tor agents OR, alternated, alternated, alternated, alternated, alternated, and an amount of a sing registered attorney or 2 registered patent att listed, no name will b	patent front page, lise of 3 registered patentively, gle firm (having as a agent) and the namormeys or agents. If e printed.	TOTAL FEE(S) DU. \$1000 st t attorneys t attorneys member a 2	E DATE DUE 12/12/2006
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of corresponden. CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AN	SMALL ENTITY YES VER VINIFER Ce address or indication Address address (or Cha. 122) attached. ation (or "Fee Address" or more recent) attach D RESIDENCE DATA	SSUE FEE DUE \$700 ART UNIT 2874 n of "Fee Address" (37) nge of Correspondence ' Indication form ed. Use of a Customer	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS 385-024000 2. For printing on the (1) the names of up tor agents OR, alternated attorney or 2 registered patent att listed, no name will be the patternated attorney or 2 registered patent att listed, no name will be the patternated attorney or 2 registered patent att listed, no name will be the patternated attorney or 2 registered patent att listed, no name will be the patternated attorney or 2 registered patent att listed, no name will be the patternated attorney or 2 registered patent att listed.	patent front page, lise of 3 registered patentively, gle firm (having as a agent) and the namorneys or agents. If e printed.	TOTAL FEE(S) DU. \$1000 st t attorneys t attorneys member a 2	DATE DUE 12/12/2006 ORE & SHOHL LLF
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of corresponden. CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AN	SMALL ENTITY YES VER INIFER ce address or indication adence address (or Cha 122) attached. ation (or "Fee Address' or more recent) attach D RESIDENCE DATA as an assignee is ident in 37 CFR 3.11. Comp	SSUE FEE DUE \$700 ART UNIT 2874 n of "Fee Address" (37) nge of Correspondence ' Indication form ed. Use of a Customer	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS 385-024000 2. For printing on the (1) the names of up tor agents OR, alternated attorney or 2 registered patent att listed, no name will be the patternated attorney or 2 registered patent att listed, no name will be the patternated attorney or 2 registered patent att listed, no name will be the patternated attorney or 2 registered patent att listed, no name will be the patternated attorney or 2 registered patent att listed, no name will be the patternated attorney or 2 registered patent att listed.	patent front page, list of 3 registered patentively, gle firm (having as a agent) and the namorneys or agents. If e printed. Type) patent. If an assign a assignment.	st t attorneys 1 DINSMO are of up to no name is 3 dee is identified below, the	DATE DUE 12/12/2006 ORE & SHOHL LLF
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of corresponden. CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI PLEASE NOTE: Unles recordation as set forth in (A) NAME OF ASSIGN	SMALL ENTITY YES VER INIFER ce address or indication adence address (or Cha 122) attached. ation (or "Fee Address' or more recent) attach D RESIDENCE DATA as an assignee is ident in 37 CFR 3.11. Comp	ISSUE FEE DUE \$700 ART UNIT 2874 n of "Fee Address" (37) nge of Correspondence ' Indication form ed. Use of a Customer A TO BE PRINTED ON ified below, no assignee eletion of this form is NO	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS 385-024000 2. For printing on the (1) the names of up tor agents OR, alternated attorney or 2 registered attorney or 2 registered patent att listed, no name will be the pattern of the data will appear on the T a substitute for filing at	patent front page, lise of 3 registered patent ively, gle firm (having as a agent) and the namorneys or agents. If e printed. Type) patent. If an assign assignment. Y and STATE OR C	st t attorneys 1 DINSMO are of up to no name is 3 dee is identified below, the	DATE DUE 12/12/2006 ORE & SHOHL LLF
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of corresponden. CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI PLEASE NOTE: Unles recordation as set forth in (A) NAME OF ASSIGN	SMALL ENTITY YES VER INIFER TO address or indication and and action (or "Fee Address" or more recent) attached. D RESIDENCE DATA as an assignee is identing a company of the company o	ISSUE FEE DUE \$700 ART UNIT 2874 n of "Fee Address" (37) nge of Correspondence ' Indication form ed. Use of a Customer A TO BE PRINTED ON ified below, no assignee eletion of this form is NO	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS 385-024000 2. For printing on the (1) the names of up t or agents OR, alternat registered attorney or 2 registered attorney or 2 registered patent att listed, no name will b THE PATENT (print or ty data will appear on the Ta substitute for filing at (B) RESIDENCE: (CIT Columbus,	patent front page, list of 3 registered patent ively, gle firm (having as a agent) and the name or or agents. If e printed. ype) patent. If an assign assignment. Y and STATE OR CO	st t attorneys 1 DINSMO are of up to no name is 3 dee is identified below, the	DATE DUE 12/12/2006 ORE & SHOHL LLF document has been filed to
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of corresponden. CFR 1.363). Change of corresponden. CFR 1.3647; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI PLEASE NOTE: Unles recordation as set forth in (A) NAME OF ASSIGN Battelle M Please check the appropria	SMALL ENTITY YES VER INIFER TO address or indication and and address (or Charation (or "Fee Address" or more recent) attach D RESIDENCE DATA as an assignee is identing an armous and assignee is identing an armous and armous an armous an armous an assignee is identing an armous an assignee in an armous armous an armous arm	ISSUE FEE DUE \$700 ART UNIT 2874 n of "Fee Address" (37) nge of Correspondence ' Indication form ed. Use of a Customer A TO BE PRINTED ON ified below, no assignee eletion of this form is NO itute categories (will not be p	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS 385-024000 2. For printing on the (1) the names of up t or agents OR, alternat (2) the name of a spiregistered attorney or 2 registered patent att listed, no name will b THE PATENT (print or ty data will appear on the Ta substitute for filing ar (B) RESIDENCE: (CIT Columbus, rinted on the patent):	patent front page, list of 3 registered patent ively, gle firm (having as a agent) and the namorneys or agents. If e printed. //pe) patent. If an assign a assignment. Y and STATE OR COhio	st tattorneys 1 DINSMO and tattorneys 2 and to no name is 3 are ee is identified below, the COUNTRY)	DATE DUE 12/12/2006 ORE & SHOHL LLE document has been filed a
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of corresponden. CFR 1.363). Change of corresponden. CFR 1.3647; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI PLEASE NOTE: Unles recordation as set forth in (A) NAME OF ASSIGN Battelle M	SMALL ENTITY YES VER INIFER TO address or indication and and address (or Charation (or "Fee Address" or more recent) attach D RESIDENCE DATA as an assignee is identing an armous and assignee is identing an armous and armous an armous an armous an assignee is identing an armous an assignee in an armous armous an armous arm	ISSUE FEE DUE \$700 ART UNIT 2874 n of "Fee Address" (37) nge of Correspondence ' Indication form ed. Use of a Customer A TO BE PRINTED ON ified below, no assignee eletion of this form is NO itute categories (will not be p	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS 385-024000 2. For printing on the (1) the names of up t or agents OR, alternat (2) the name of a spiregistered attorney or 2 registered patent att listed, no name will b THE PATENT (print or ty data will appear on the Ta substitute for filing ar (B) RESIDENCE: (CIT Columbus, rinted on the patent):	patent front page, list of 3 registered patent ively, gle firm (having as a agent) and the namorneys or agents. If e printed. Type) patent. If an assign a assignment. Y and STATE OR CO Ohio Individual Coesses first reapply as	st tattorneys 1 DINSMO and tattorneys 2 see is identified below, the country)	DATE DUE 12/12/2006 ORE & SHOHL LLE document has been filed a
APPLN. TYPE nonprovisional EXAMIN DOAN, JEN 1. Change of corresponden. CFR 1.363). Change of corresponden. CFR 1.363. "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI PLEASE NOTE: Unles recordation as set forth in (A) NAME OF ASSIGN Battelle M Please check the appropria 4a. The following fee(s) and	SMALL ENTITY YES VER INIFER ce address or indication adence address (or Cha 122) attached. ation (or "Fee Address' or more recent) attach D RESIDENCE DATA as an assignee is identi in 37 CFR 3.11. Comp NEE Jemorial Inst te assignee category or the submitted: small entity discount p	ISSUE FEE DUE \$700 ART UNIT 2874 n of "Fee Address" (37 nge of Correspondence ' Indication form ed. Use of a Customer A TO BE PRINTED ON ified below, no assignee eletion of this form is NO itute categories (will not be p	PUBLICATION FEE DUE \$300 CLASS-SUBCLASS 385-024000 2. For printing on the (1) the names of up t or agents OR, alternat (2) the name of a single registered attorney or 2 registered patent att listed, no name will b THE PATENT (print or type data will appear on the of Talling are (B) RESIDENCE: (CIT Columbus, rinted on the patent): b. Payment of Fee(s): (Ple A check is enclosed. Payment by credit care	patent front page, list of 3 registered patent ively, gle firm (having as a agent) and the namorneys or agents. If e printed. Type) patent. If an assign a assignment. Y and STATE OR COOhio Individual Coease first reapply and ard. Form PTO-2038	st tattorneys 1 DINSMO and tattorneys 1 DINSMO and tattorneys 3 DINSMO and tattorneys 4 DINSMO and tattorneys 4 DINSMO and tattorneys 5 DINSMO and tattorneys 5 DINSMO and tattorneys 6 DINSMO and tattorneys 7 DINSMO and tat	DATE DUE 12/12/2006 ORE & SHOHL LLE document has been filed to roup entity Government e shown above)

interest as shown by the records of the United States Patent and Trademark Office. Date November 6: 2006 Authorized Signature Typed or printed name James E. Beyer 39,564

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Registration No. _